

IN THE SPECIFICATION:

A substitute specification is submitted herewith as required by the Examiner. The substitute specification contains no new matter.

Please further replace the current Abstract with the following new Abstract:

--Embodiments of the present invention relate to a transmission apparatus. The apparatus may include a plurality of optical signal receivers and a plurality of optical signal transmitters. The apparatus may further include a controller portion which gives an instruction on whether an error correction coding process should be conducted upon a signal to be transmitted. An optical signal transmitter of the apparatus may have a coding process portion for conducting an error correction coding process upon the signal to be transmitted, a through-output portion for passing a signal therethrough, and a select portion for selecting and outputting either one of the signals from the coding process portion and the through-output portion responsive to the instructing from the controller portion.--